

Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed**1.1. Name of the Data, data collection Project, or data-producing Program:**

2010 FL-GA red snapper longline CRP project

1.2. Summary description of the data:

These data are from a cooperative effort between scientists and commercial fishers to assess whether a cryptic biomass of relatively old and large red snapper occurred in continental shelf-break and deeper waters off the Atlantic coast of Florida and Georgia. Contracted commercial fishers used industry-standard longline gear to survey red snapper across three depth strata and eight latitudinal bands off Florida and Georgia. There was considerable variation in age and size distributions of caught red snapper (age range 3 to 15 years size range 46 to 93 cm fork length), and in catch-per-unit-effort. However, the cryptic biomass hypothesis was not supported by the data, as there was no evidence of greater ages, sizes, or catch of red snapper in shelf-break or deeper waters relative to shallower, continental shelf waters.

1.3. Is this a one-time data collection, or an ongoing series of measurements?

One-time data collection

1.4. Actual or planned temporal coverage of the data:

2010 to 2011

1.5. Actual or planned geographic coverage of the data:

W: -80.5, E: -79.25, N: 32, S: 28

Atlantic Ocean, U.S. South

1.6. Type(s) of data:

(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)

Table (digital)

1.7. Data collection method(s):

(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)

Instrument: Measuring boards, scales, microscopes.

Platform: Contracted commercial fishing vessels (n 2).

Physical Collection / Fishing Gear: Bottom longline gear.

1.8. If data are from a NOAA Observing System of Record, indicate name of system:

1.8.1. If data are from another observing system, please specify:

2. Point of Contact for this Data Management Plan (author or maintainer)

2.1. Name:

Warren Mitchell

2.2. Title:

Metadata Contact

2.3. Affiliation or facility:

2.4. E-mail address:

warren.mitchell@noaa.gov

2.5. Phone number:

252-728-8755

3. Responsible Party for Data Management

Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:

Warren Mitchell

3.2. Title:

Data Steward

4. Resources

Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?

No

4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):

0

5. Data Lineage and Quality

NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible

(describe or provide URL of description):

Process Steps:

- Environmental, fishing effort, and specimen data were initially recorded (hand written) on data sheets on board commercial fishing vessels, and subsequently entered into MS Access at the NMFS SEFSC Panama City Laboratory Bottom Longline Observer Program. Regarding fish age samples received by NMFS SEFSC Sustainable Fisheries Branch aging laboratory personnel: Electronic data corresponding to physical age samples are obtained from originator of the samples. The data are formatted to uniform codes, based on the NMFS TIP system codes, and uploaded to Access data base file. The data recorded on the sample containers is verified with electronic data. If samples match, work proceeds and fish ages are estimated. If there are discrepancies, the project contact is notified and data are corrected. If the sample data cannot be rectified, then the physical sample cannot be used.

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):

Hand-written field observations were error checked at two levels: first by the NMFS SEFSC Bottom Longline Observer Program, and secondly by personnel in the NMFS SEFSC Beaufort Laboratory Fisheries Ecology Branch. Estimated fish age data were delivered electronically by NMFS SEFSC Sustainable Fisheries Branch aging laboratory personnel, matched with verified MS Access specimen records by NMFS SEFSC Fisheries Ecology Branch personnel, and ingested to the master MS Access database.

6. Data Documentation

The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?

Yes

6.1.1. If metadata are non-existent or non-compliant, please explain:

6.2. Name of organization or facility providing metadata hosting:

NMFS Office of Science and Technology

6.2.1. If service is needed for metadata hosting, please indicate:

6.3. URL of metadata folder or data catalog, if known:

<https://www.fisheries.noaa.gov/inport/item/26469>

6.4. Process for producing and maintaining metadata

(describe or provide URL of description):

Metadata produced and maintained in accordance with the NOAA Data Documentation Procedural Directive: https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC_PD-Data_Documentation_v1.pdf

7. Data Access

NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.

7.1. Do these data comply with the Data Access directive?

Yes

7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

7.2. Name of organization of facility providing data access:

Southeast Fisheries Science Center (SEFSC)

7.2.1. If data hosting service is needed, please indicate:

No

7.2.2. URL of data access service, if known:

7.3. Data access methods or services offered:

The data are available from the data steward.

7.4. Approximate delay between data collection and dissemination:

365

7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:

This data is currently waived under the current NOAA guidelines for relational databases.

8. Data Preservation and Protection

The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:

(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)

To Be Determined

8.1.1. If World Data Center or Other, specify:

8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

The archival process is currently under development.

8.2. Data storage facility prior to being sent to an archive facility (if any):

Southeast Fisheries Science Center - Miami, FL

Location Of The Main Office Of The South East Fisheries Science Center

8.3. Approximate delay between data collection and submission to an archive facility:

365

8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection

The data resides on a secure government network requiring multi-factor authentication for network access.

9. Additional Line Office or Staff Office Questions

Line and Staff Offices may extend this template by inserting additional questions in this section.